

Notice of Allowability

Application No.

10/739,455

Examiner

Tarifur R. Chowdhury

Applicant(s)

ABILEAH ET AL.

Art Unit

2871

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on 09/09/05.
2. ☒ The allowed claim(s) is/are 1-50.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Allowable Subject Matter

1. Claims 1-50 are allowed.
2. The following is an examiner's statement of reasons for allowance:
3. As to claims 1, 11, 16, 24 and 26, the prior arts of record do not anticipate or render obvious to one skilled in the art a liquid crystal device comprising various elements as claimed, more specifically a processor for determining the position of at least one of the plurality of light sensitive elements that has been inhibited from sensing ambient light whereby the processor distinguishes between ambient surroundings and the at least one of the plurality of light sensitive elements the inhibited from sensing the ambient light, including all other recitations.
4. As to claim 29, the prior arts of record do not anticipate or render obvious to one skilled in the art a liquid crystal device comprising various elements as claimed, more specifically the limitations such as whereby the processor senses at least three different levels as a result of one of the light sensitive elements the inhibited from sensing ambient light and provides at least three different output levels in response thereto is considered novel.
5. As to claim 37, the prior arts of record do not anticipate or render obvious to one skilled in the art a liquid crystal device comprising various elements as claimed, more specifically the limitation such as the plurality of light sensitive elements located together with the rear electrode layer wherein the light sensitive elements include a transistor that includes a first terminal interconnected to a first terminal of a capacitor and a second terminal interconnected to a second terminal of the transistor and a third

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terminal comprising a gate interconnected to a bias point in common with other gates of the other transistors, is considered novel.

6. As to claim 43, the prior arts of record do not anticipate or render obvious to one skilled in the art a liquid crystal device comprising various elements as claimed, more specifically the limitation such as a processor that determines the position of at least one of the plurality of light sensitive elements that has been inhibited from sensing ambient light and a sensor that senses an impact with the device where the processor correlating the impact from the sensor with the position to confirm that at least one of the plurality of light sensitive elements has been inhibited from sensing ambient light is considered novel.

7. As to claim 48, the prior arts of record do not anticipate or render obvious to one skilled in the art a liquid crystal device comprising various elements as claimed, more specifically the limitation such as a transmissive filter that passes a first color while inhibiting the passage of a second color that is located between the light sensitive elements and the front of the display that inhibits ambient light of the second color from reaching the light sensitive elements is considered novel.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tarifur R. Chowdhury whose telephone number is (571) 272-2287. The examiner can normally be reached on M-Th (6:30-5:00) Friday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Kim can be reached on (571) 272-2293. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TRC
October 25, 2005



TARIFUR R. CHOWDHURY
PRIMARY EXAMINER